

SUPPLEMENT TO GEN-06-ASAM-02

UPDATED INFORMATION ON NIGHT VISION DEVICES (NVD)

PAGES 1 & 2 OF THIS SUPPLEMENT ARE AN EXTRACT FROM TM 11-5855-313-23&P.
THE TM IS CURRENTLY UNDER REVIEW FOR UPDATE AND REISSUE AND THE
PROCEDURES PROVIDED IN THIS SUPPLEMENT ARE TO BE USED UTILIZED WHEN
INSPECTING ANVIS FOR BLACK SPOTS.

PAGE 3 OF THIS SUPPLEMENT PROVIDES THE ANVIS CONFIGURATIONS
THAT WILL BE IN THE FIELD BEFORE 31 DEC 2007.

PASS/FAIL CRITERIA

(1) Refer to Table 2-2, Table 2-2A, or Table 2-2B listing allowable spots and sizes to determine if the image intensifier under test should be rejected.

NOTE

Check records to determine which type of tubes are in the system before performing the black spot check.

NOTE

The CAD of the image intensifier assembly is the date code formatted YYWW.

2-9 BLACK SPOT CHECK - Continued

Allowable Black Spots and Sizes for MX-10160A

| SIZE AND LOCATION | .003 .006 | .006 .009 | .009 .012 | .012 .015 | LARGER THAN .015 | SMALLER THAN .003 |
|----------------------|--------------|--------------|--------------|--------------|---------------------|----------------------|
| Center Ring | 0 | 0 | 0 | 0 | 0 | any mount |
| 1 st Ring | 2 | 1 | 0 | 0 | 0 | any mount |
| 2 nd Ring | 2 | 1 | 0 | 0 | 0 | any mount |

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Allowable Black Spots and Sizes for MX-10160B (PN A3279453)

| SIZE AND LOCATION | .003 .006 | .006 .009 | .009 .012 | .012 .015 | LARGER THAN .015 | SMALLER THAN .003 |
|----------------------|--------------|--------------|--------------|--------------|---------------------|----------------------|
| Center Ring | 0 | 0 | 0 | 0 | 0 | any amount |
| 1 st Ring | 2 | 1 | 0 | 0 | 0 | any amount |
| 2 nd Ring | 3 | 2 | 0 | 0 | 0 | any amount |

Allowable Black Spots and Sizes for MX-10160B (PN High Performance, A3279593) and MX-10160C (PN A3279602) with CAD BEFORE 0438

| SIZE AND LOCATION | .003 .006 | .006 .009 | .009 .012 | .012 .015 | LARGER THAN .015 | SMALLER THAN .003 |
|----------------------|--------------|--------------|--------------|--------------|---------------------|----------------------|
| Center Ring | 0 | 0 | 0 | 0 | 0 | any amount |
| 1 st Ring | 2 | 1 | 0 | 0 | 0 | any amount |
| 2 nd Ring | 2 | 1 | 0 | 0 | 0 | any amount |

Allowable Black Spots and Sizes for MX-10160C (PN A3279602) with CAD ON or AFTER 0438

| SIZE AND LOCATION | .003 .006 | .006 .009 | .009 .012 | .012 .015 | LARGER THAN .015 | SMALLER THAN .003 |
|----------------------|--------------|--------------|--------------|--------------|---------------------|----------------------|
| Center Ring | 0 | 0 | 0 | 0 | 0 | any amount |
| 1 st Ring | 0 | 0 | 0 | 0 | 0 | any amount |
| 2 nd Ring | 2 | 1 | 0 | 0 | 0 | any amount |

(2) The image intensifier assembly fails if the black spot (circular) is larger than the maximum spot size indicated on the target for the ring in which the spot (circular) is located, or if the image intensifier assembly exceeds the number of spots allowed for that ring.

(3) The image intensifier assembly fails if the maintenance person determines, by comparison, that the area of the non-circular spot is larger than the area of the largest circular spot designated in that ring. This will be a subjective evaluation so remember that these spots were evaluated before Government acceptance at the contractor's plant and passed. Judging the area is difficult. See Examples 1 and 2 of Figure 2-8. Do not reject an image intensifier for an irregularly shaped spot by its diameter alone.

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This sheet shows the ANVIS configurations that will be in the field before 31 Dec 07
ANVIS TYPE CLASSIFICATIONS

The following type classifications must be complied with and documented in the ANVIS historical records. ANVISs must be reconfigured, if necessary, to match one of the classifications from the table below. ANVISs may continue to be upgraded; however, ANVISs will not be downgraded through configuration. ANVISs that cannot be typed will be placed in red //X// status. All ANVISs must have a small white gummed label affixed to the top of the PAS indicating their type, such as "Type 5". The type number label must not cover the ID Plate or the warranty expiration date label.

| TYPE | CLASSIFICATION ^{1, 2} | EYEPIECE | PAS | OBJECTIVE | II TUBE ID LABEL |
|---------------------|------------------------------------|----------|--------------------------|--|--|
| TYPE 1 ³ | AN/AVS-6(V)1, 5855-01-138-4749 | 15MM | SINGLE - or - DUAL | ID 54490-5002550 5855-01-149-4101 | MX-10160/AVS-6 ID 54490-5002760 5855-01-151-4191 |
| | | 25MM | SINGLE | | |
| TYPE 2 ³ | AN/AVS-6(V)1, 5855-01-138-4749 | 25MM | DUAL IPD | ID 54490-5002550 5855-01-149-4101 | MX-10160/AVS-6 ID 54490-5002760 5855-01-151-4191 |
| TYPE 3 ³ | AN/AVS-6(V)1, 5855-01-138-4749 | 25MM | DUAL IPD | ID 54490-5002550 5855-01-149-4101 | MX-10160/AVS-6 ID 54490-5009100 5855-01-380-5096 |
| TYPE 4 | AN/AVS-6(V)1, 5855-01-138-4749 | 25MM | DUAL IPD | ID 80063-A3279596 5855-01-519-4171 | MX-10160A/AVS-6 ID 80063-A3256389 or Blue Label Tubes ⁴ 5855-01-423-1497 |
| TYPE 4 | AN/AVS-6(V)1A, 5855-01-439-1745 | 25MM | DUAL IPD | ID 80063-A3279596 5855-01-519-4171 | MX-10160A/AVS-6 ID 80063-A3256389 or Blue Label Tubes ⁴ 5855-01-423-1497 |
| TYPE 5 ⁵ | AN/AVS-6(V)1, 5855-01-138-4749 | 25MM | DUAL IPD | ID 80063-A3279596 ⁵ 5855-01-519-4171 | MX-10160B/AVS-6 Two ID 80063-A3279453 ⁶ -or- Two ID 80063-A3279593 ⁶ 5855-01-473-6076 |
| TYPE 5 ⁵ | AN/AVS-6(V)1A, 5855-01-439-1745 | 25MM | DUAL IPD | ID 80063-A3279596 ⁵ 5855-01-519-4171 | MX-10160B/AVS-6 Two ID 80063-A3279453 ⁶ -or- Two ID 80063-A3279593 ⁶ 5855-01-473-6076 |
| TYPE 5 ⁵ | AN/AVS-6(V)3, 5855-01-475-7061 | 25MM | DUAL IPD | ID 80063-A3279596 ⁵ 5855-01-519-4171 | MX-10160B/AVS-6 Two ID 80063-A3279453 ⁶ -or- Two ID 80063-A3279593 ⁶ 5855-01-473-6076 |
| TYPE 6 | AN/AVS-6(V)1, 5855-01-138-4749 | 25MM | DUAL IPD | ID 80063-A3279596 5855-01-519-4171 | MX-10160C/AVS-6 ⁷ ID 80063-A3279602 5855-01-503-4799 |
| TYPE 6 | AN/AVS-6(V)1A, 5855-01-439-1745 | 25MM | DUAL IPD | ID 80063-A3279596 5855-01-519-4171 | MX-10160C/AVS-6 ⁷ ID 80063-A3279602 5855-01-503-4799 |
| TYPE 6 | AN/AVS-6(V)3, 5855-01-475-7061 | 25MM | DUAL IPD | ID 80063-A3279596 5855-01-519-4171 | MX-10160C/AVS-6 ⁷ ID 80063-A3279602 5855-01-503-4799 |

- NOTES:**
1. The classification NSN stated is for the system and MUST match the NSN in the Property Book.
 2. The LIN for all centered ANVISs (AN/AVS-6(V)1, -6(V)1A and -6(V)3) is A06352.
 3. Removed from service. If you have any Types 1, 2 or 3, contact jaime.gonzalez@us.army.mil 703-704-3212, DSN 654.
 4. Check www.rucker.army.mil for authorized Blue Label Tube Serial Numbers.
 5. Type 5 may continue to use Objective PN A3279595, 5855-01-476-1481 - except with ADSS, until the recall is completed.
 6. MX-10160B/AVS-6 image intensifier tubes MUST be matched by ID (Part Number). Record ID in the Historical Record.
 7. Record the CAD (YYWW) date of the MX-10160C/AVS-6 tubes in the Historical Record for black spot testing.